

In the claims:

Claim 1. (currently amended) A method to create ~~some a~~ structure from the~~a~~ knowledge base of an organization, the knowledge base being part of a system comprising a document database (DB) and queries submitted by users concerning the documents, wherein the method performs ~~monitoring-definitive and decisive matching~~ and grouping the queries into clustering procedures to enable analysis of the ideas knowledge base of the organization; the method comprising: ~~Submission of~~ submitting by the users in the organization of an hierarchical queries having weighted characteristics;

10 recording the queries details of the organization, comprising saving submitter and organization information comprising at least:

job title;

department name; and

employee contact references comprising at least email address and level of

15 security authorization;

comparing queries using a weight matrix generated by a distance function; and

clustering of the queries into a semantic structure based on said weight matrix, by grouping said queries into a 'prioritized structure' based on the comparison of a location of a word in said query to the location of the same word in another query; and

20 rating of a new query relative to the nearest of said clusters, wherein said new queries can be evaluated in one of real-time and periodically, to determine whether to one of: add said query to an existing cluster; and form a separate "satellite" cluster.

Claim 2. (currently amended) The method according to claim 1, further comprising:

25 periodically updating the gathering of data of said newly submitted queries and resulting documents into a sum total of data elements for the organization;

entering said sum total in the organization DB without prior categorization of it by subject matter;

instantly performing a matching procedure of assembling queries and documents

30 keywords into clusters;

categorizing said newly submitted queries according to a continuously updated list of categories; and

repeatedly redefining categories and clusters according to new queries and documents.

Claim 3. (original) The method according to claim 2, comprising the steps of: **gathering** data into the organization DB; **generating** a vector structure of the data; and **using** the vector structure in order to form semantic familiarities (clustering words, i.e., "connections").

- 5 Claim 4. (original) The method according to claim 2, further comprising **enhancing** the queries for later pre-processing of the data, in order to best exploit the latter element of method 3.

Claim 5. (currently amended) The method according to claim 4, wherein enhancing comprises: **enhancing** words appearing in queries by multiplying the number of appearances with a constant; **comparing** the distribution of a word within the organization DB and its distribution in Natural Common Language (NL)(CL); and **weighting** words appearances in the DB and the queries relative to appearances in the (NL)(CL).

- 15 Claim 6. (original) The method according to claim 4, further comprising **clustering** the data.

Claim 7. (original) The method according to claim 6, wherein clustering the data comprises: **using** information theories in order to assemble and represent the data; **using** queries as prior knowledge for the algorithms processing the data; clustering data (agglomerative, sequential clustering); and **using** queries as a predisposed factor, thereby replacing the random factor when performing clustering.

- 20 Claim 8. (original) The method according to claim 6, further comprising **using** queries' data for searching information (implementing a search engine).

25 Claim 9. (original) The method according to claim 8, comprising the steps of: **searching** information using the queries' structure (clusters); presenting queries' structure with respect to a new query (when a user presents a new query, the system rates the nearest clusters according to the new query); and **presenting** submitted queries in order to facilitate the submission of a new query.

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Claim 10. (original) The method according to claim 8, further comprising **using** the queries structure to create an organization map.

- 35 Claim 11. (original) The method according to claim 11, wherein using the queries structure to create an organization map comprises: developing a method that facilitates the designation of

experts concerning the requested data; and providing a graphical organization map of the data occurrences and the experts.